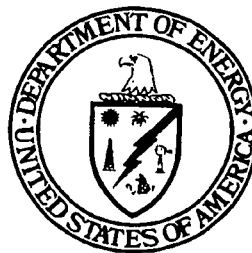


Commercial Vehicle Safety Alliance (CVSA)

**Promoting Safety and Efficiency in the
OCRWM Program**

Jim Daust - CVSA

U.S. Department of Energy



Presented to
Nuclear Waste Technical Review Board
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CVSA

- **Organization of Federal, State, and Provincial government agencies and representatives from private industry in the United States, Canada, and Mexico Other agencies include:**
 - **State police**
 - **Highway patrols**
 - **Public service and utility commissions**
 - **Departments of Transportation, Motor Vehicles, and Public Safety**
 - **Canadian Government**
 - **Mexican Government**
 - **Supporting Groups - US DOE and DOT, Canadian DOT, and Associate Industry Members**



CVSA's Goals

- **Enhance the safety of commercial vehicles**
- **Improve commercial vehicle safety operation**
- **Minimize schedule delays**
- **Ensure effective allocation of resources**
- **Avoid duplications with reciprocity of inspections**



Cooperative Agreement Group With OCRWM Under the agreement with DOE:

- **Developed enhanced inspection procedures based on North American Standard covering spent fuel transportation, vehicles, drivers and cargo**
- **Conduct a pilot study to test the procedures**
- **Ultimately determine the number of inspections needed for maximum safety**
- **Train inspectors**
- **Ultimate goal - establish uniform, enhanced inspection procedures that will be honored by states**



North American Standard

- **CVSA best known for developing uniform inspection procedures known as the North American Standard**
- **Brakes, steering, tires, wheels, drivers qualifications and cargo securement are among the items covered**
- **Changes made annually to keep procedures current**



Enhanced North American Standard

- **Inspect at origin and destination**
- **Enhanced standard includes:**
 - **NAS - Brakes 20% or more of total brakes out of adjustment = out of service**
 - **enhanced NAS - no brakes can be out of adjustment**
- **Shipments do not leave until they are defect free**
- **Based on trip duration and data collected from trial inspections, shipments may or may not be inspected enroute**



Inspector Training Course

- **Importance of public perception of radioactive materials and the role trainers play in their movement through a community**
- **Course consists of classroom and practical experience, including:**
 - review of the basics of radiation and radiological regulations, and radiological survey instruments and their use in transportation inspections
 - enhancements to the North American Standard
 - refresher on driver impairment followed by instruction on using the Pilot Inspection Form
 - a practical inspection of a vehicle with a mock spent nuclear fuel shipment
 - course concludes with a review, testing and a course critique



Training Courses Conducted to Date

- **4 training courses held**
- **55 state inspectors have been trained**



Direction of the Program

- **Conduct three more training sessions and a refresher course for previously trained inspectors**
- **Hold meetings with Indian tribes**
- **Continue work on the outreach program**
 - video
 - brochure